10/516398

DT15 EXPRESS MAIL" (37 CFR 1.10) CERTIFICATE OF MAILING BY Docket No. Applicant(s): Hideaki Oshima et al. **NSG-241US** Serial No. Filing Date Examiner **Group Art Unit** To Be Assigned Herewith Invention: GROUND WAVE RECEPTION ANTENNA UNIT AND METHOD FOR ADJUSTING ANTENNA GAIN I hereby certify that the following correspondence: U.S. National Phase Application and its enclosures (Identify type of correspondence) Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 1, 2004 Kathleen Libby (Typed or Printed Name of Person Mailing Correspondence) (Signature of Person Mailing Correspondence) EV 504 352 222 US ("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.



		PTO-1390 (AW 09-30-04						
TRANSMITTAL LETTER TO		ATTORNEY'S DOCKET NUMBER NSG-241US						
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. 17 known see 37CH7157 To Be Assigned 7516398						
INTERNATIONAL APPLICATION NO. PCT/JP2003/007415								
TITLE OF INVENTION GROUND WAVE RECEPTION ANTENNA UN								
APPLICANT(S) FOR DO/EO/US Hideaki OSHIMA and Yoichi TAKEDA								
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
	2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
3. A This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
	_							
5. A copy of the International Ap	pplication as filed (35 U.S.C. 371(c)((2))						
a. is attached hereto (requib. has been communicated	 a. is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. 							
a. 🛛 is attached hereto.	bmitted under 35 U.S.C. 154(d)(4).							
7. Amendments to the claims of	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
a. are attached hereto (requ	uired only if not communicated by th							
b. have been communicate c. have not been made; ho	 b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. 							
8.	of the amendments to the claims under	r PCT Article 19 (35 U.S.C. 371(c)(3)).						
	d oath or declaration of the inventor(s							
	on of the annexes to the International							
Items 11 to 20 below concern documer 11. An Information Disclosure State	nts(s) or information included: tement under 37 C.F.R. 1.97 and 1.98	8.						
12. An assignment document for record	ding. A separate cover sheet in complian	nce with 37 CFR 3.28 and 3.31 is included.						
13. A preliminary amendment.								
14. An Application Data Sheet und	ler 37 CFR 1.76.							
15. A substitute specification.								
16. A power of attorney and/or cha	inge of address letter.							
17. A computer-readable form of the se		Rule 13ter.2 and 37 CFR 1.821 – 1.825.						
18. A second copy of the published								
19. A second copy of the English langu								
	Other items or information: PTO-2038 and Certificate of Express Mail							

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



U.S. APPLICATION NO. (IT INDOWN, See 37) To Be Assigned 5	398	INTERNATIONAL APP PCT/JP2003/00		ATTORNEY DOCKET NUMBER NSG-241US			
21. The following fees are submitted:			CALCULATIONS PTO USE ONLY				
BASIC NATIONAL FEE (3	CALCOLATIONS	FIOUSEONLY					
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO							
and International Search Report not prepared by the EPO or JPO \$1110.00				j			
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$950.00					İ		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$790.00							
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33 (1)-(4) \$750.00							
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33 (1)-(4) \$100.00							
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 950.00			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$			
CLAIMS N	UMBER FILED	EXTRA NUMBER	RATE				
Total claims Independent claims	30- 20 = 2 - 3 =	10	X \$18.00	\$ 180.00			
MULTIPLE DEPENDENT CL			X \$88.00 + \$300.00	\$ \$ 300.00	 		
		OF ABOVE CAL		\$ 1,430.00			
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$			
SUBTOTAL =			\$ 1,430.00	 			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$				
TOTAL NATIONAL FEE =			\$ 1,430.00	· · · · · · · · · · · · · · · · · · ·			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be			\$ 40.00				
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +							
TOTAL FEES ENCLOSED =			\$ 1,470.00				
				Amount to be refunded:	\$		
				Charged:	\$		
a. A check in the amount of \$ to cover the above fees is enclosed.							
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any							
overpayment to Deposit Account No. <u>18-0350</u> . A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-							
2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the Application to pending status.							
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Send All Correspondence to:		lus					
M PotnerDrestie		nature					
Valley Forge, PA 19482 Kenneth N. Nigon					İ		
OR Name							
RatnerPrestia 31,549 Nemours Building Registration Numb							
1007 Orange Street			December 1, 2004				
Suite 1100 P.O. Box 1596							
Wilmington, DE 19899							